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P.5/40

NOV 27 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/666,052

Filing Date: September 17, 2003

Applicant: William H. Pettit et al.

Group Art Unit: 1745

Examiner: Stephen J. Kalafut

Title: COMBINED AUTOTHERMAL/STEAM REFORMING FUEL PROCESSOR MECHANIZATION

Attorney Docket: 8540G-000004/CPB (*formerly 8540G-000108*)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT AND PETITION FOR EXTENSION OF TIME

Sir:

In response to the Office Action mailed July 26, 2006, please amend the application as follows and consider the remarks set forth below.

Applicants hereby petition under the provisions of 37 C.F.R. § 1.136(a) for a 1-month extension of time in which to respond to the outstanding Office Action and include a fee as set forth in 37 C.F.R. § 1.17(a) with this response for such extension of time.

11/28/2006 MGEBREM1 00000005 070960 10666052

01 FC:1251 120.00 DA

Amendments to the Claims begin on page 2 of this paper.**Remarks begin on page 16 of this paper.**



Harness Dickey & Pierce PLC
 Attorneys and Counselors
 5445 Corporate Drive, Suite 200
 Troy, Michigan 48098-2683
 Phone: 248-641-1600 Fax: 248-641-0270
 Metropolitan: Detroit St. Louis Washington, DC

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DATE: November 27, 2006

NO. OF PAGES (INCLUDING THIS PAGE): 40

| | | |
|----------|------------------------------------|---|
| FOR: | Stephen J. Kalafut, Art Unit: 1745 | ORIGINAL WILL FOLLOW BY: |
| COMPANY: | U.S. Patent and Trademark Office | <input type="checkbox"/> REGULAR MAIL |
| FAX No.: | (571) 273-8300 | <input type="checkbox"/> OVERNIGHT MAIL |
| | PHONE: | <input type="checkbox"/> COURIER |
| | | <input checked="" type="checkbox"/> WILL NOT FOLLOW |

| | |
|-------|------------------|
| FROM: | Jeffrey H. Urian |
|-------|------------------|

Please let us know by phone or fax if you do not receive any of these pages.

COMMENTS:

Re: U.S. Serial No. 10/666,052
 Filed: September 17, 2003
 Inventor: William H. Pettit et al.
 For: Combined Autothermal/Steam Reforming Fuel Processor Mechanization
 Group Art: 1745
Attorney Docket No. 8540G-000004/CPB (formerly 8540G-000108)

Dear Examiner Kalafut:

Enclosed herewith is a Transmittal Form, Fee Transmittal (in duplicate) and a 36 page Amendment and Petition for Extension of Time in response to the Office Action dated July 26, 2006.

Should you have any questions or need anything further, please feel free to contact me at (248) 641-1600.

Very truly yours,

Jeffrey H. Urian

N O T I C E

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NOV 27 '06 08:53PM HARNESS, DICKEY & PIERCE

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PTO/SB/21 (04-04)

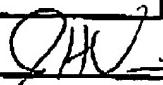
Approved for use through 07/31/2006. OMB 0651-0031

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|--|--|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number 10/666,052 |
| Total Number of Pages in This Submission | | Filing Date September 17, 2003 |
| | | First Named Inventor William J. Pettit |
| | | Art Unit 1745 |
| | | Examiner Name Stephen J. Kalafut |
| | | Attorney Docket Number 8540G-000004/CPS (Formerly 8540G-000106) GP-000036 |

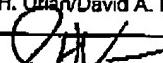
| ENCLOSURES (check all that apply) | | | |
|--|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) | |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences | |
| <input checked="" type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) | |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information | |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address | <input type="checkbox"/> Status Letter | |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> | |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Facsimile cover sheet | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------|---|-----------------------------------|--------------------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name Jeffrey H. Urian | Reg. No. 46,232 |
| Signature |  | | |
| Date | November 27, 2006 | | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|---|------------------------|--------------------|
| Typed or printed name | Jeffrey H. Urian/David A. McClaughry | Express Mail Label No. | Sent via Facsimile |
| Signature |  | Date | November 27, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SB/17 (07-06)

Approved for use through 01/31/2007, OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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*Effective on 12/08/2004
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).*

FEE TRANSMITTAL for FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
120

| <i>Complete If Known</i> | |
|--------------------------|--|
| Application Number | 10/668,052 |
| Filing Date | September 17, 2003 |
| First Named Inventor | William J. Petit |
| Examiner Name | Stephen J. Kalafut |
| Art Unit | 1745 |
| Attorney Docket No. | 8540G-000004/CPB (formerly 8540G-000108) GP-300036 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify) : _____
 Deposit Account Deposit Account Number: 07-0960 Deposit Account Name: General Motors Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
 Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
|------------------|-------------|----------------------|-------------|----------------------|------------------|----------------------|----------------|
| | Fee (\$) | Small Entity Fee(\$) | Fee (\$) | Small Entity Fee(\$) | Fee (\$) | Small Entity Fee(\$) | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

| | |
|----------|----------|
| Fee (\$) | Fee (\$) |
| 50 | 25 |

Each independent claim over 3 (including Reissues)

| | |
|-----|-----|
| 200 | 100 |
|-----|-----|

Multiple dependent claims

| | |
|-----|-----|
| 360 | 180 |
|-----|-----|

Total Claims

| <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|-----------------|----------------------|
| -20 or HP= 0 | x _____ | = 0 |

Multiple Dependent Claims

| <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|-----------------|----------------------|
| — | — |

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims

| <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|-----------------|----------------------|
| - 3 or HP= 0 | x _____ | = 0 |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
|---------------------|---------------------|---|-----------------|----------------------|
| — | = 0 | / 50 = 0 (round up to a whole number) x | = 0 | — |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Extension for reply within first month

120

SUBMITTED BY

| | | | | | |
|-------------------|--|--------------------------------------|-----------------|-----------|-------------------|
| Signature | J23AM | Registration No. (Attorney/Agent) | 46,232 / 37,885 | Telephone | (248) 641-1600 |
| Name (Print/Type) | Jeffrey H. Urian / David A. McClaughry | | | Date | November 27, 2006 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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